

March 2006See us on the WEB at: <http://www.ewh.ieee.org/r2/susquehanna>**March 2006 Section Meeting****The Real Value of Solar Photovoltaics Today**

Plan to join us this month to meet other members, enjoy a nice meal, and attend an interesting talk by Dr. Chris Sherring.

Date: Tuesday, March 14, 2006
Dinner: 6:30 PM
Presentation: 7:30 PM
Location: Susquehanna Room in Myer Hall
Elizabethtown College, Elizabethtown, PA
Dinner Cost: \$12, \$6 for students
Menu: Menu: Spring Garden Salad, Grilled
Boneless Chicken Breast w/Fresh Fruit
Salsa, Smashed Red Skinned Potatoes with
Fresh Garlic and Herbs, Fresh Asparagus
Spears, New York Cheesecake with Fresh
Sliced Strawberries And Whipped Cream,
Rolls/Butter, Coffee/decaf/tea/water
(Vegetarian plate is possible if requested
ahead of time.)
Program: The Real Value of Solar Photovoltaics
Today
Speaker: Dr. Chris Sherring, VP WorldWater &
Power Corp.
Contact: Troy McBride, 717-361-3755
E-mail: mcbridet@etown.edu
RSVP (by email if possible) by Tuesday
03/07/06 so we can get the catering count
right for our hosts.

With the prospect of ever increasing cost for carbon-based power in the US, photovoltaics, with their zero fuel costs and minimal maintenance, are increasingly being seen as the right choice for reducing utility bills today, while at the same time improving energy security and air quality. Solar photovoltaics (PV) have long been a viable solution for remote power in the developing world and in certain specific applications here in the US. However, over the last 12 months there has been a dramatic shift in market acceptance. Today, large commercial plants are adopting solar PV to reduce their current power bills and stabilize their cost of power for the next 25 years.

WorldWater & Power, with its proprietary technology for driving large (600 HP) loads in combination with grid power

playing a major part in delivering high value solutions to industry and municipalities throughout the US. This talk will feature a number of installation case histories that highlight the technology and truly reflect the very real value of PV in the US today.

Dr. Sherring is a solar photovoltaics business and rural development expert with over 25 years of experience in providing sustainable development solutions for the developing world. Dr. Sherring, besides managing a number of photovoltaics companies, has been instrumental in developing innovative, sustainable, energy solutions in Africa, Asia and the US. He holds a Ph.D. in Solid State Physics from the University of Exeter.

Directions

From Harrisburg: Take Route 283. Follow 283 East to Elizabethtown/Hershey exit and turn right at the end of the ramp onto Route 743 South. Travel south on Route 743 to Elizabethtown. Turn left on Market Street (Route 230). Go past College Avenue and turn left onto Cedar Street. Follow directions from Cedar Street below.

From Lancaster: Travel west on Route 283 to the Elizabethtown/Rheems exit. Turn left at end of exit ramp onto Cloverleaf Road and proceed one mile to Route 230. Turn right and travel west to Elizabethtown. You will be on South Market Street. Several blocks past Lemon Street, turn right onto Cedar Street. Follow directions from Cedar Street below.

From York: Take Route 30 East. Get off after crossing the river and follow Route 441 north. Turn right on Route 743. You will go through Maytown and enter Elizabethtown. Turn left onto South Market Street. Travel several blocks and turn right onto Cedar street. Follow directions from Cedar Street below.

From Cedar Street to Myer Hall: You will see the college on your left. Park in the Elizabethtown Church of the Brethren parking lot at Mount Joy and Cedar Streets. Walk across Cedar Street to Myer Hall. Enter the Susquehanna Room by way of the ramp.

You can access other directions to Elizabethtown College at www.etown.edu/web/directions and find campus maps at <http://www.etown.edu/campustour/campusmap>.

Counties Served: Adams, Cumberland, Dauphin, Franklin, Juniata, Lancaster, Lebanon, Mifflin, Montour, Northumberland, Perry, Snyder, and York.

or from solar energy alone in the event of grid outages, is

Talk to Congress About Retirement Security

IEEE-USA is offering all American IEEE members an opportunity to talk to Congress about retirement security. On March 14th and 15th we will be holding our first annual Retirement Fly-In. This event will give IEEE members an opportunity to discuss their concerns about America's public and private retirement systems directly with their Members of Congress. Retirement security is high on Congress's agenda for 2006. Reforms to Social Security and the Pension Benefit Guarantee Corporation, as well as changes to laws governing private pensions will be debated this year by Congress. The best way to ensure that your views and concerns are considered by Congress is to tell them, to your elected representatives face-to-face. IEEE-USA is giving IEEE members a chance to do this.

On the afternoon of March 14th participants will meet at IEEE-USA's office in Washington, D.C. There participants will be briefed on pending legislation, political trends and the issues surrounding pension reform. At the end of the day everyone, even participants who have never spoken to a politician before, will be ready to represent themselves to Congress. Then, on March 15th all participants will have private meetings with their members of Congress and staff. IEEE-USA will arrange these meetings for all participants. These meetings offer an ideal opportunity to explain your personal concerns about our retirement system.

The best way to make sure Congress knows what you want is to tell them yourself. If you are concerned about retirement policy or the future of your retirement, please join IEEE-USA in Washington, D.C on March 14th and 15th. There is no charge for the event, other than your own travel arrangements. More information on the event can be found at: <http://www.ieeeusa.org/policy/flyin/retirement/>. For more information about this Fly-In, contact Russ Harrison at r.t.harrison@ieee.org or (202) 530-8326, or visit our Fly-In page at: <http://www.ieeeusa.org/policy/flyin/retirement/>.

Looking for Internship?

If you know of someone looking for an internship, we will publish very brief and concise one paragraph statements from college-level students with what he/she is looking for in a

summer internship in our April newsletter. Please submit your request by March 22nd to our newsletter editor, Soheil Tofighi (mtofighi@psu.edu). If your request is accepted, you consent (by implication) to have an email address (email only, no phone numbers will be accepted) disclosed to our about 800 members.

Useful Information Column

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Q/A-C Column

Do you have any questions or comments? Call, email or FAX it to our Chair at the above addresses.

Newsletter Mailing or WEB Page Notification

If you do not receive your Newsletter, please notify AB Shafaye mes121@psu.edu or Soheil Tofighi mtofighi@psu.edu. If you would like to convert from paper copy mailing of the Newsletter to WEB page delivery, please notify AB Shafaye, who serves as our Publisher.

Address Changes and Updates

There are several ways to correct member information with IEEE. They update their directory from the information you provide, and pass the changes to us monthly. Keeping your address information up to date will ensure accurate mailings.

There is a WEB based interactive "change of address" form at: <http://services1.ieee.org/membersvc/coa/intro.htm>

You can send an email to: address-changes@ieee.org

Call IEEE Member Services at 1-800-678-IEEE

Mail changes to

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445 Hoes Lane
P.O. Box 1331
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FAX changes to 1-732-981-9667

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